

TESTING FORUM

R. Douglas Hooton Named Technical Editor of CCA

R. Douglas Hooton has been named editor of *Cement, Concrete, and Aggregates*, replacing P. Kumar Mehta. Hooton is an associate professor in the Department of Civil Engineering at the University of Toronto.

Professor Hooton received his bachelor of science degree in civil engineering at the University of Toronto in 1974. He was awarded his master's degree in the same subject at the University of Toronto in 1975. He earned his Ph.D. in civil engineering in 1981 at McMaster University and worked at Ontario Hydro's Research Division until 1986, when he joined Toronto University.

R. Doug Hooton has served on ASTM Committees C01 and C09 for many years. He currently chairs Subcommittee C01.31 on Volume Change of Cements as well as several C09 task groups and is currently a member of the executive subcommittees of both C01 and C09. He is also a member of the ASTM Committee on Publications. He has also been active on technical committees of the American Concrete Institute, the Canadian Standards Association (CSA), and the Transportation Research Board.

Professor Hooton has published numerous articles in *Cement, Concrete, and Aggregates*, and was co-editor of *Carbonate Additions to Cement, ASTM STP 1064*. He has published many articles in a variety of technical journals.

In 1989, he was awarded the American Concrete Institute Wason Medal for the best paper (co-authored) in materials research and in that year was elected a fellow of the ACI. He has received numerous other professional awards for excellence in his field.

Editorial by Doug Hooton

The Winter 1993 issue of *Cement, Concrete, and Aggregates* marks the end of an era, not just the completion of 15 years of

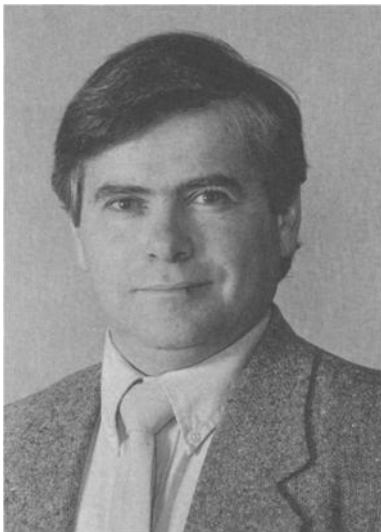
publication but the transfer of editorship from P. Kumar Mehta, one of the eminent scientists in concrete materials, to a younger, but-not-wiser civil engineering professor from north of the border. Maybe this is what you get for accepting free trade and a baseball team with the effrontery to take on ASTM's hometown in the World Series. Oh, well, there goes the neighborhood.

Since CCA was conceived, many other journals have appeared in the area of cement and concrete technology and there is a lot of competition for papers. The CCA journal, to be useful in this myriad of journals, has to have a focus. I see it fulfilling two functions. First, it should serve the needs of the sponsoring committees. To this end, papers should be encouraged that not only propose new test methods, but those that challenge and propose improvements to existing ASTM standards.

Second, the journal should support the technical activities of the committees. For example, this can be accomplished by documenting interlaboratory test data to support test limits and precision statements in specifications and by publishing the proceedings of committee-sponsored symposia such as the one featured in this issue. This is a useful alternative to special technical publications for smaller symposia. I would encourage all of the C-1, C-9, C-13, and C-27 subcommittees to continue to make use of this opportunity. In addition, I would welcome input on how this journal could better serve committee needs. It will be difficult to be as efficient and competent an editor as was P. Kumar Mehta, but to make up for my own deficiencies I hope to draw more on the expertise of the editorial board in the future.

Lastly, I would like to thank P. K. Mehta for his dedicated service as editor of CCA and the committee executives who gave me this opportunity.

—Doug Hooton, Editor



R. Doug Hooton

Raymond J. Schutz Honored at ASTM's Atlanta Committee Week

Committees C-9 on Concrete and Concrete Aggregates and C-1 on Cement hosted ceremonies recognizing Raymond J. Schutz, a materials consultant in Waupun, Wisconsin, as a 1993 recipient of ASTM's Award of Merit. The Award of Merit and the accompanying honorary title of Fellow of the Society were established in 1949 by the ASTM Board of Directors to recognize distinguished service by individual members.

ASTM Chairman of the Board Nancy M. Trahey presented the award during the June ceremony citing Schutz "for outstanding service, leadership, and dedication to the work and administration of Committee C-9 and for the development of innovative materials which improved concrete and related technologies."

Working diligently and serving ASTM persistently for 37 years, Schutz has made major contributions as committee chairman, vice chairman, subcommittee chairman, secretary, and section leader. He is a principal contributor to or co-author of numerous technical papers and STPs. A 1983 recipient of the Society's

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Charles B. Dudley Award, he holds committee honorary membership.

Raymond J. Schutz holds an associate degree from Bergen Junior College in chemical engineering and a B.S. in the same subject from the University of New Hampshire. He has over 40 years of experience in the construction industry involving materials research both in the laboratory and the field in North and South America, Europe, and Asia.

He is currently associated with the Society of American Military Engineers, RILEM, the National Association of Corrosion Engineers, the American Concrete Institute (fellow), and the Transportation Research Board.

Call for Papers

Sixteenth International Conference of Cement Microscopy to be Held

The Sixteenth International Conference on Cement Microscopy will be held 11–14 April 1994 at the Omni Hotel in Richmond, VA. The topics to be covered at this conference are:

1. Microscopic structures of building materials, including clinker, cement, hydration products, lime, gypsum, light and heavy-weight aggregates, concrete, slag, fly ash, etc.
2. Application of different types of microscopes for the quality control of clinker, cement, concrete, etc.
3. Effect of additives on the microstructure of cement and concrete and the relationship between microstructure and concrete performance.
4. X-ray diffraction analysis of portland cement and related materials and the relationship between microstructure and mineralogical composition.

A workshop demonstrating the practical application of various microscopes in evaluating clinker, cement, and concrete will be included. An exposition of the different types of microscopes will be presented.

Prospective authors of papers on cement raw materials, clinker, cement, and other building materials are requested to submit their abstracts (one original and one copy) to:

Dr. George Gouda
9548 Fox Hollow Drive
Potomac, MD 20854 USA
Phone: Office: (202) 473-0560
Home: (301) 299-2064
Fax: Office: (202) 676-1365 or 334-8705
Home: (301) 299-9657

Prospective authors of papers on concrete and concrete additives are requested to submit their abstracts (one original and one copy) to:

Mr. Arturo Nisperos
Construction Technology Laboratories, Inc.
5420 Old Orchard Road
Skokie, IL 60077-1030 USA
Phone: Office (708) 965-7500, Home (708) 960-2293
Fax: Office (708) 965-6541

Abstracts should be sent early to be received, if possible, no later than November 9, 1993.

The text, typed according to the instructions included in the proceedings of the International Cement Microscopy Association, is due NOT LATER THAN JANUARY 20, 1994.

ASTM Announces Program for Symposium on Physical Properties of Asphalt Cement Binders

The program has been announced for the Symposium on Physical Properties, which will be held Tuesday, December 7, 1993, at the Hyatt Regency at the Dallas/Fort Worth Airport, Texas. The symposium is being sponsored by Committee D-4 on Road and Paving Materials. The program is as follows:

Tuesday, December 7, 1993

SESSION I

1:00 p.m.

Opening Remarks and Welcome—J. Hardin, Symposium Chairman

Development and Use of Rheological Testing Methods for SHRP

1:05 p.m.

The Pressure Aging Vessel (PAV): A Test to Simulate Rheological Changes Due to Field Aging—H. U. Bahia and D. A. Anderson, Penn State University, University Park, Pennsylvania, USA

1:20 p.m.

The SHRP Direct Tension Specification Test—Its Development and Use—D. A. Anderson and R. Dongre, Penn State University, University Park, Pennsylvania, USA

1:35 p.m.

The Development of the Bending Beam Rheometer: Basics and Critical Evaluation of the Rheometer—H. U. Bahia and D. A. Anderson, Penn State University, University Park, Pennsylvania, USA

4:55 p.m.

Dynamic Shear Rheology of Polymer Modified Asphalt Cements—M. Stroup-Gardiner and D. E. Newcomb, University of Minnesota, Minneapolis, Minnesota, USA

5:20 p.m. DINNER (ON YOUR OWN)

SESSION II

7:00 p.m.

Opening Comments—J. Hardin, Symposium Chairman

7:05 p.m.

SHRP Refinery Survey Asphalts: Effects on Refining Methods—S. Shuler, Asphalt Institute, Lexington, Kentucky, USA; and E. Harrigan, SHRP, Washington, District of Columbia, USA

7:30 p.m.

Properties of Microwave Recycled Asphalt Cement Binders—J. E. Sheonberger and R. T. Graham, USAE Waterways Experiment Station, Vicksburg, Mississippi, USA

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7:55 p.m.

Characterization of Failure Properties of Asphalt Cement—

R. Dongre, M. G. Sharma and D. A. Anderson, Penn State University, University Park, Pennsylvania, USA

8:20 p.m.

Traditional Methods for Characterizing Asphalt Cement and their Relationship to Linear Viscoelastic and Fracture Properties—

D. A. Anderson and H. U. Bahia, Penn State University, Uni-

versity Park, Pennsylvania, USA; and D. W. Christensen, III, Novophalt America, Inc., Sterling, Virginia, USA

8:45 p.m.

The New Proposed Rheological Properties of Asphalt Binders: Why are They Required and How They Compare to Conventional Properties—

H. U. Bahia and D. A. Anderson, Penn State University, University Park, Pennsylvania, USA

9:10 p.m. SYMPOSIUM ADJOURNS